

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	69	(US-20030025136-\$ or US-20010000676-\$ or US-20040113087-\$ or US-20030038306-\$ or US-20020011553-\$ or US-20010022363-\$ or US-20020131007-\$ or US-20010019130-\$ or US-20020001886-\$ or US-20030141504-\$ or US-20030168604-\$ or US-20030020020-\$ or US-20060249763-\$ or US-20010038075-\$ or US-20050161754-\$ or US-20050274991-\$ or US-20020056810-\$ or US-20030002615-\$ or US-20030201450-\$ or US-20030032213-\$ or US-20020180672-\$ or US-20010030324-\$ or US-20010028060-\$).did. or (US-7253441-\$ or US-6444390-\$ or US-6172369-\$ or US-6858898-\$ or US-7189997-\$ or US-6853004-\$ or US-5461419-\$ or US-6310372-\$ or US-6665374-\$ or US-6784411-\$ or US-7046282-\$ or US-6087648-\$ or US-6778164-\$ or US-6617584-\$ or US-5981931-\$ or US-6653176-\$ or US-6580405-\$ or US-6583439-\$ or US-6236063-\$ or US-7211828-\$ or US-5962856-\$ or US-5929449-\$ or US-6864950-\$ or US-7211880-\$ or US-6982194-\$ or US-5583570-\$). did. or (US-5498880-\$ or US-6800873-\$ or US-6020590-\$ or US-5648660-\$ or US-5818070-\$ or US-7306981-\$ or US-6277679-\$ or US-6480577-\$ or US-5463420-\$ or US-6806483-\$ or US-6797961-\$ or US-6501097-\$ or US-6462806-\$ or US-7242449-\$ or US-6243155-\$ or US-6424326-\$ or US-6323490-\$ or US-7122835-\$).did. or (US-20050274991-\$ or US-5498880-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 15:05
L3	12	L2 and ((tft transistor) with series)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:27

## EAST Search History

L4	2	"20010019130".pn. and display	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 16:17
L5	24	L2 and (((tft transistor gate) with series) (double near gate))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 16:42
L6	8818	(photoelectric near (convert\$3 conversion)).ti.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 16:42
L7	1	L6 and (double near gate)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 16:43
L8	48	L6 and (((tft transistor) with series)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 16:44
L9	1165	((tft transistor) with series) and (double near gate)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:15
L10	5014	(257/291,292,444,448,E31.092,E31.093,E27.133,E27.143).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/19 17:02
L11	15	L9 and L10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 17:07
L12	642	L9 and (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 17:16
L13	415	L12 and "257"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 17:09
L14	461	((tft transistor) with series) same (double near gate)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:15

## EAST Search History

L15	224	L14 and (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/19 17:16
L16	36	L2 and (radiation xray x-ray)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:42
L17	10	L16 and (phosphor phosphour)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:37
L18	2	"20030038306".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 17:37
L19	0	("20010019130".pn. "6277679".pn.) and (phosphor phosphour)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 18:48
L20	288455	("20010019130".pn. "6277679".pn.) (x-ray xray)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 18:48
L21	0	("20010019130".pn. "6277679".pn.) and (x-ray xray)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 18:48
L22	1	("20010019130".pn. "6277679".pn.) and (radiation)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 18:51
L23	2	"20010019130".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 19:01
L24	2	"6020590".pn. and (improv\$3 improve\$4 advantage\$3 enhanc\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 19:05
L25	1	"20010019130".pn. and (improv\$3 improve\$4 advantage\$3 enhanc\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/19 19:05
S1	2	"US 20060249763"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/12/19 12:32

## EAST Search History

S2	25	("20010038075" "20020056810" "20030020020").PN. wo-2004073068-\$.did. jp-2002026300-\$.did. jp-2000012866-\$.did. jp-63172470-\$.did. jp-2001345440-\$.did. jp-11307756-\$.did. "5498880".pn. "20050274991".pn. jp-2000156522-\$.did. "20020012057".pn. "20010038075".pn. jp-200012866-\$.did. jp-2000241557-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:07
S3	186534	(imag\$3 near pickup) (imag\$3 near sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:07
S4	138690	(tft (thin near film near transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:08
S5	4389	(tft (thin near film near transistor)) same (top near gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:08
S6	67054	(photoelectric (photo near electric) photoelectric (photo near electronic)) near (conversion convert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:09
S7	7546	fpd (flat near panel near detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:27

## EAST Search History

S8	13	S5 and S7 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:14
S9	884	S3 and S4 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:14
S10	38	S9 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:13
S11	127	S5 and S6 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:14
S12	5010	(257/291,292,444,448,E31.092,E31.093,E27.133,E27.143).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/19 17:02
S13	172	S8 S10 S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 17:40
S14	14	S13 and S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:28

## EAST Search History

S15	1	S14 and (gate with series)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:35
S16	2	"20010022363".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 16:36
S17	35	S13 and (gate with (common shar\$3 series))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 17:40
S18	11	("20020056810"   "5648660"   "5856699"   "5869837"   "6020590"   "6169286"   "6310372"   "6352875"   "6489619"   "6797961"   "6825473").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 18:13
S19	1	("6953934").URPN.	USPAT	OR	ON	2007/12/10 18:14
S20	13	("20020056810"   "20040065840"   "5648660"   "5856699"   "5869837"   "6020590"   "6169286"   "6310372"   "6352875"   "6489619"   "6797961"   "6825473"   "6953934").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/10 18:14

## EAST Search History

S21	27	(US-20050274991-\$ or US-20030020020-\$ or US-20020056810-\$ or US-20010038075-\$ or US-20010022363-\$ or US-20030168604-\$ or US-20030141504-\$ or US-20030025136-\$ or US-20060249763-\$ or US-20020001886-\$).did. or (US-5498880-\$ or US-6853004-\$ or US-6277679-\$ or US-5962856-\$ or US-5929449-\$ or US-6020590-\$ or US-6797961-\$ or US-7164164-\$ or US-6172369-\$ or US-5461419-\$ or US-7253441-\$ or US-6858898-\$ or US-6444390-\$ or US-6310372-\$ or US-5648660-\$).did. or (US-20050274991-\$ or US-5498880-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/11 13:06
S22	19	S21 and radiation	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/11 13:06
S23	5	S21 and (fpd (flat near panel near detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:28
S24	186596	(imag\$3 near pickup) (imag\$3 near sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:05
S25	138762	(tft (thin near film near transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S26	4398	(tft (thin near film near transistor)) same (top near gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:05

## EAST Search History

S27	67078	(photoelectric (photo near electric) photoelectronic (photo near electronic)) near (conversion convert\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S28	7552	fpd (flat near panel near detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S29	13	S26 and S28 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S30	888	S24 and S25 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S31	38	S30 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S32	129	S26 and S27 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37
S33	174	S29 S31 S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/11 13:37



## EAST Search History

S34	57	("20030025136"   "20030201450"   "20040217357"   "4517733"   "4545672"   "4760389"   "4940313"   "4948231"   "5247289"   "5313055"   "5315101"   "5324980"   "5349174"   "5403772"   "5424244"   "5446290"   "5491566"   "5539461"   "5563427"   "5589847"   "5605847"   "5650637"   "5657100"   "5684318"   "5717224"   "5798744"   "5812109"   "5824574"   "5831258"   "5831699"   "5873003"   "5917225"   "5926238"   "5952992"   "5962872"   "5966193"   "5991467"   "6005648"   "6028581"   "6031655"   "6087648"   "6091382"   "6097454"   "6233027"   "6236063"   "6243155"   "6274861"   "6277679"   "6288388"   "6295390"   "6388652"   "6399933"   "6462806"   "6496240"   "6583439"   "6680764"   "6784411").PN. OR ("7046282"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/14 16:07
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## EAST Search History

S35	52	(US-20050274991-\$ or US-20030020020-\$ or US-20020056810-\$ or US-20010038075-\$ or US-20010022363-\$ or US-20030168604-\$ or US-20030141504-\$ or US-20030025136-\$ or US-20060249763-\$ or US-20020001886-\$ or US-20040113087-\$ or US-20030038306-\$ or US-20030201450-\$ or US-20010019130-\$ or US-20030002615-\$ or US-20020131007-\$ or US-20020011553-\$ or US-20010000676-\$).did. or (US-5498880-\$ or US-6853004-\$ or US-6277679-\$ or US-5962856-\$ or US-5929449-\$ or US-6020590-\$ or US-6797961-\$ or US-7164164-\$ or US-6172369-\$ or US-5461419-\$ or US-7253441-\$ or US-6858898-\$ or US-6444390-\$ or US-6310372-\$ or US-5648660-\$ or US-6087648-\$ or US-7306981-\$ or US-7242449-\$ or US-7211880-\$ or US-7211828-\$ or US-7046282-\$ or US-7042548-\$ or US-6864950-\$ or US-6784411-\$ or US-6778164-\$ or US-6665374-\$). did. or (US-6583439-\$ or US-6580405-\$ or US-6480577-\$ or US-6462806-\$ or US-6243155-\$ or US-6236063-\$).did. or (US-20050274991-\$ or US-5498880-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/14 20:59
S36	27	S35 and (radiation x-ray xray (x near ray)).	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/14 20:59
S37	42	257/222.ccls. and (tft (thin near film near transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:55

## EAST Search History

S38	6	S37 and ((photoelectric photoelectronic (photo near electric) (photo near electronic)) near conver\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:57
S39	1950	(tft (tin near film near transistor)) and ((photoelectric photoelectronic (photo near electric) (photo near electronic)) near conver\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:57
S40	1580	S39 and (sens\$3 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:58
S41	626	S40 and (gate with (series common "same"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:59
S42	232	S41 and ((amplif\$4 amplifica\$4) and reset\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 21:59
S43	123	S42 not canon.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 22:01
S44	40	S43 and (top near gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 22:01

## EAST Search History

S45	20	S44 and (channel with (wide\$1 width length long\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/14 22:02
S46	34	("4689487"   "5200876"   "5319206"   "5589705"   "5757040"   "5812191"   "5818898"   "5930591"   "5981931"   "6035013"   "6044128"   "6051827"   "6157066"   "6185274").PN. OR ("6323490"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/17 14:52
S47	0	S46 and (top near gate)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/17 14:52
S48	4414	(tft (thin near film near transistor)) same (top near gate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:05
S49	648	S48 and ((imag\$3 near pickup) (imag\$3 near sensor) (imag\$3 near detect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:41
S50	276	S49 and (xray x-ray (x near ray) radiation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:41
S51	61	S50 and ((photo-electric photoelectric photo-electronic photoelectronic) near (conversion convert\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:40

## EAST Search History

S52	57	S51 not canon.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:09
S53	2358	((photo-electric photoelectric photo-electronic photoelectronic) near (conversion convert\$3)) and (tft (thin near film near transistor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:40
S54	1004	S53 and ((imag\$3 near pickup) (imag\$3 near sensor) (imag\$3 near detect\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:41
S55	590	S54 and (xray x-ray (x near ray) radiation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:42
S56	66	S55 and (top-gate (top near gate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:42
S57	62	S56 not canon.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:42
S58	5	S57 not S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/17 15:42

## EAST Search History

S59	8823	(photoelectric near (conversion convert\$3)).ti.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/12/19 12:32
S60	262	S59 and (tft (thin near film near transistor))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/12/19 12:33
S61	19	S60 and (top near gate)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2007/12/19 12:33
S62	19	("5461419").URPN.	USPAT	OR	ON	2007/12/19 12:58
S63	6	("5463420").URPN.	USPAT	OR	ON	2007/12/19 13:06